

Patent Abstracts of Japan

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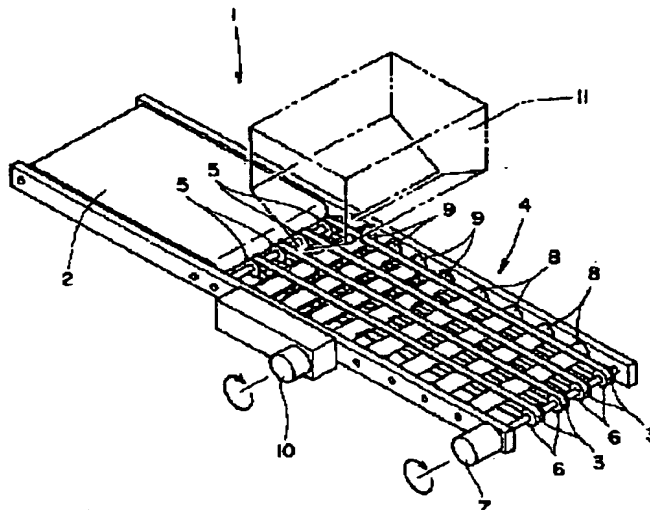
APPLICATION DATE : 14-04-95
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TITLE : APPARATUS FOR FILLING CULTURE SOIL



ABSTRACT : PURPOSE: To enable the filling of a required amount of culture soil such as culture soil having relatively low fluidity at a uniform density regardless of properties thereof by dropping the culture soil into a pot for heeling-in of a plant while applying the vibration to the pot during the conveyance and dropping the culture soil thereinto.

CONSTITUTION: This apparatus 1 for filling culture soil is capable of filling the culture soil into each pot during the conveyance thereof while conveying the pot. A relay feeding conveyor 4 comprising plural narrow conveying belts 3 is installed at the terminal end of the conveying of the conveyor 2 capable of placing the pot thereon and conveying the pot in one direction. The relay feeding conveyor 4 is equipped with eccentric rollers 9 capable of coming into contact with the undersurface of the conveying side of the narrow conveying belts 3 and applying vibration thereto and a rotation driving mechanism therefor. A culture soil feeding hopper 11 is arranged above the vibrating site with the eccentric roller 9 of the relay feeding conveyor 4.

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